

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091620AL\
 Data File : FC049589.D
 Signal(s) : FID1A.CH
 Acq On : 16 Sep 2020 9:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 02:06:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.672	1893248	16.478 ug/ml
Spiked Amount 50.000		Recovery =	32.96%
12) S 1-chlorooctadecane (S...	13.105	1437378	16.137 ug/ml
Spiked Amount 50.000		Recovery =	32.27%
Target Compounds			
1) T n-Nonane (C9)	3.403	1907707	18.440 ug/ml
2) T n-Decane (C10)	4.477	1913632	18.424 ug/ml
3) T A~Naphthalene (C11.7)	6.077	2072669	18.027 ug/ml
4) T n-Dodecane (C12)	6.503	1910849	18.077 ug/ml
5) T A~2-methylnaphthalene...	7.137	2080321	17.793 ug/ml
6) T n-Tetradecane (C14)	8.302	1870133	17.727 ug/ml
7) T n-Hexadecane (C16)	9.904	1799405	17.291 ug/ml
8) T n-Octadecane (C18)	11.348	1813953	16.879 ug/ml
10) T n-Eicosane (C20)	12.658	1771338	16.542 ug/ml
11) T n-Heneicosane (C21)	13.270	1746552	16.412 ug/ml
13) T n-Docosane (C22)	13.856	2819950	26.648 ug/ml
14) T n-Tetracosane (C24)	14.959	1693898	16.188 ug/ml
15) T n-Hexacosane (C26)	15.981	1670992	16.346 ug/ml
16) T n-Octacosane (C28)	16.929	1674517	16.662 ug/ml
17) T n-Tricontane (C30)	17.816	1661816	17.068 ug/ml
18) T n-Dotriacontane (C32)	18.647	1584482	17.535 ug/ml
19) T n-Tetratriacontane (C34)	19.430	1536065	17.944 ug/ml
20) T n-Hexatriacontane (C36)	20.169	1819275	22.581 ug/ml
21) T n-Octatriacontane (C38)	20.922	1662392	21.959 ug/ml
22) T n-Tetracontane (C40)	21.871	1566900	20.137 ug/ml

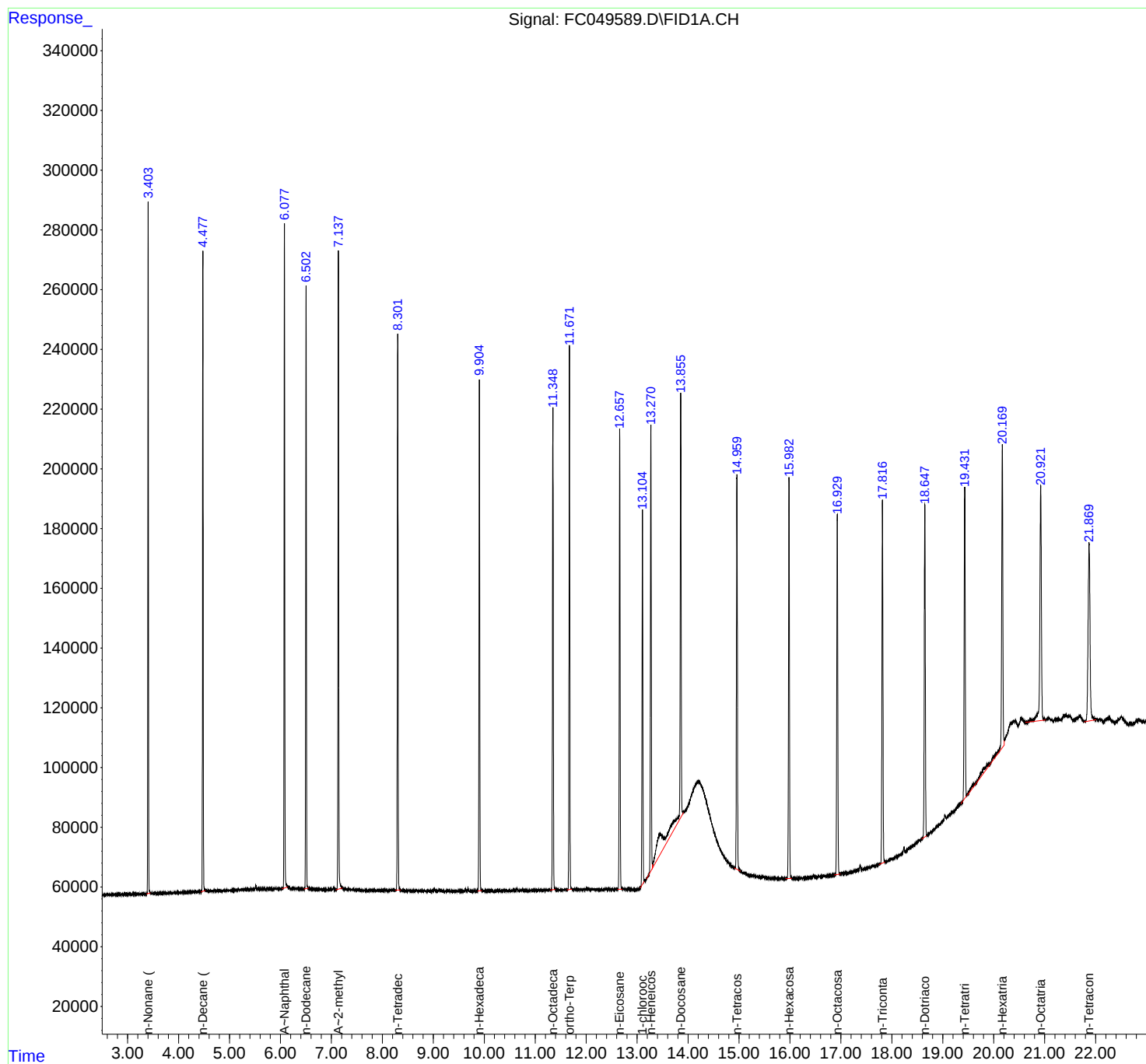
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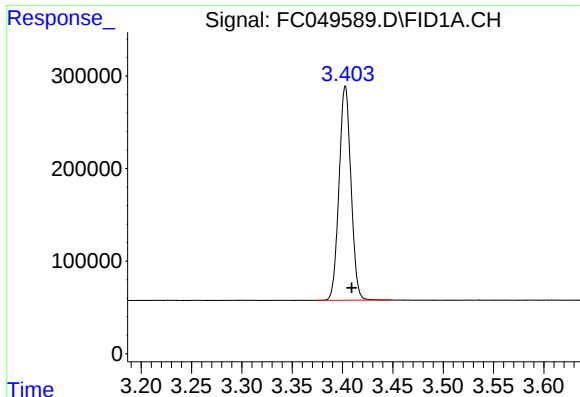
(m)=manual int.

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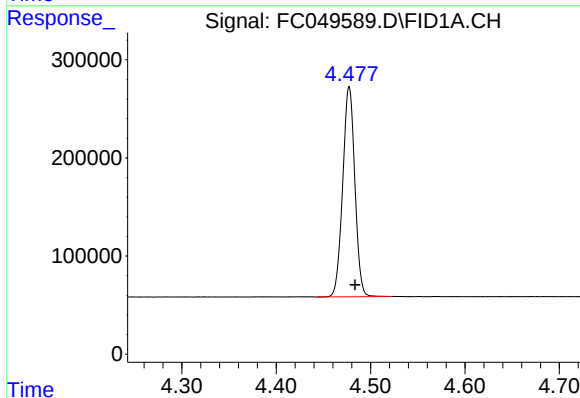
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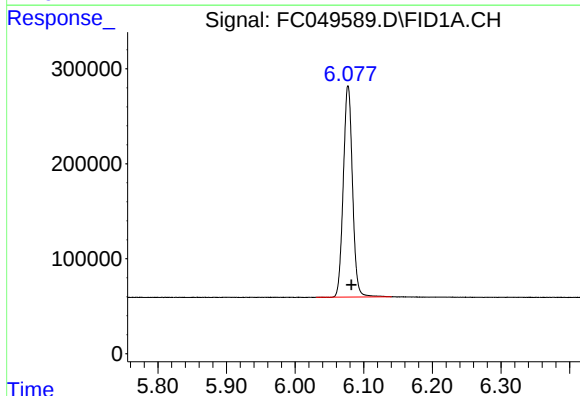
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.006 min
Response: 1907707
Conc: 18.44 ug/ml



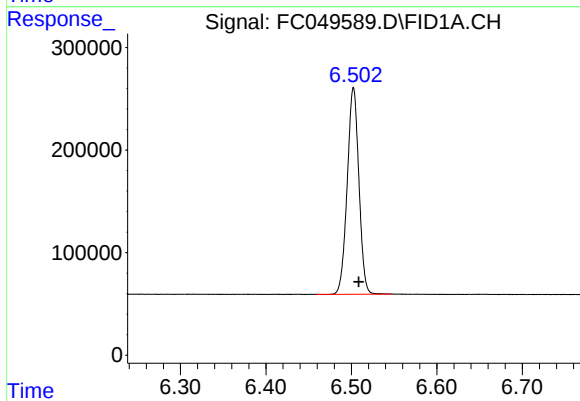
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.006 min
Response: 1913632
Conc: 18.42 ug/ml



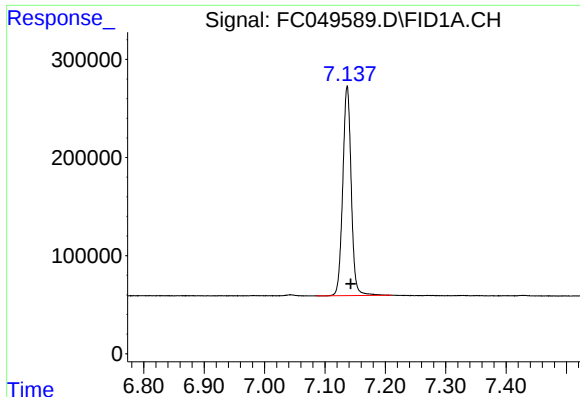
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 2072669
Conc: 18.03 ug/ml



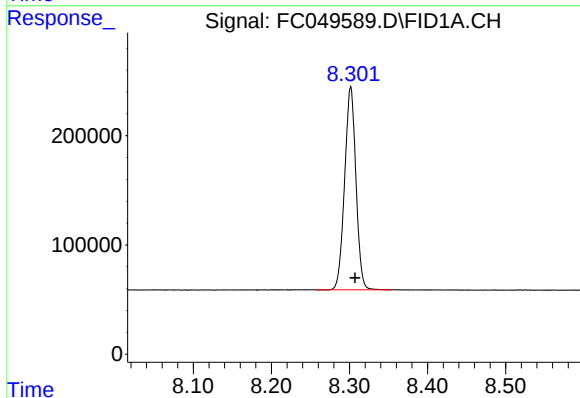
#4 n-Dodecane (C12)

R.T.: 6.503 min
Delta R.T.: -0.006 min
Response: 1910849
Conc: 18.08 ug/ml



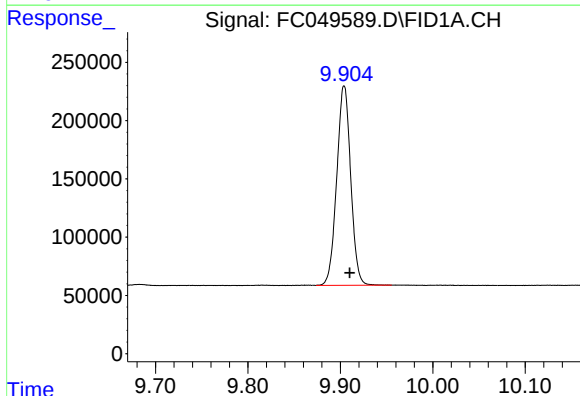
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: -0.006 min
Response: 2080321
Conc: 17.79 ug/ml



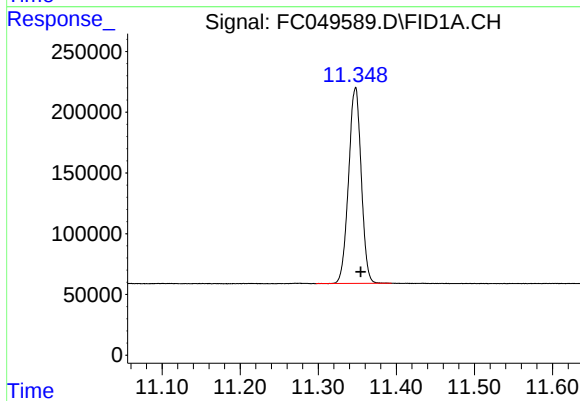
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: -0.006 min
Response: 1870133
Conc: 17.73 ug/ml



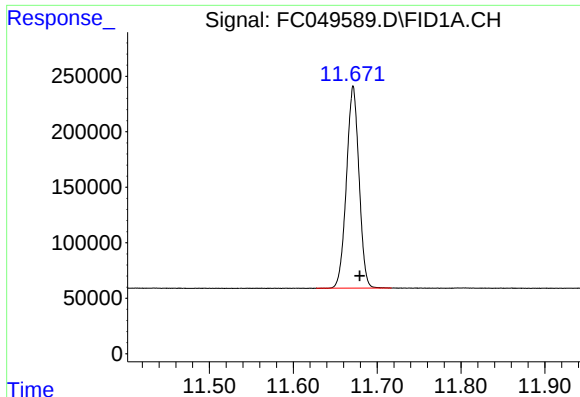
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: -0.006 min
Response: 1799405
Conc: 17.29 ug/ml



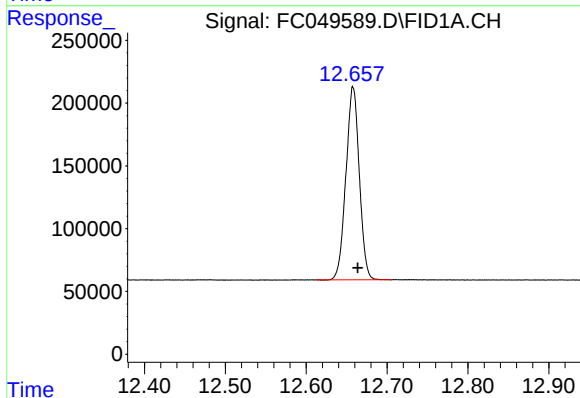
#8 n-Octadecane (C18)

R.T.: 11.348 min
Delta R.T.: -0.007 min
Response: 1813953
Conc: 16.88 ug/ml



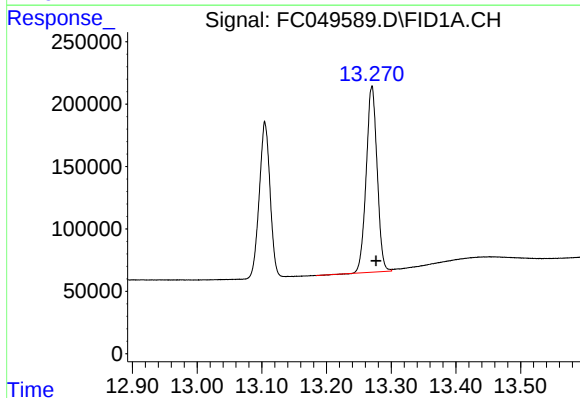
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: -0.008 min
Response: 1893248
Conc: 16.48 ug/ml



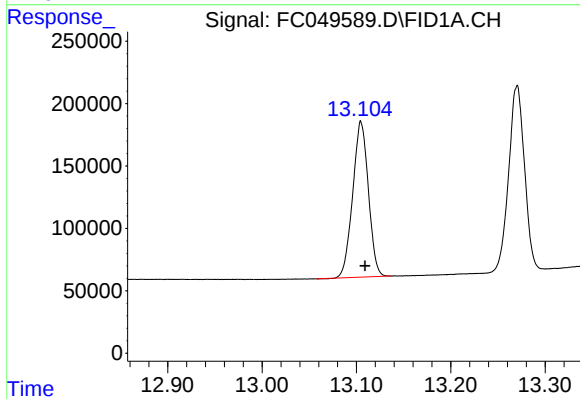
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: -0.006 min
Response: 1771338
Conc: 16.54 ug/ml



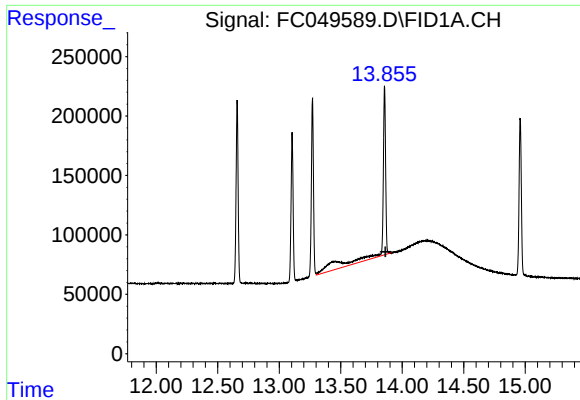
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: -0.006 min
Response: 1746552
Conc: 16.41 ug/ml



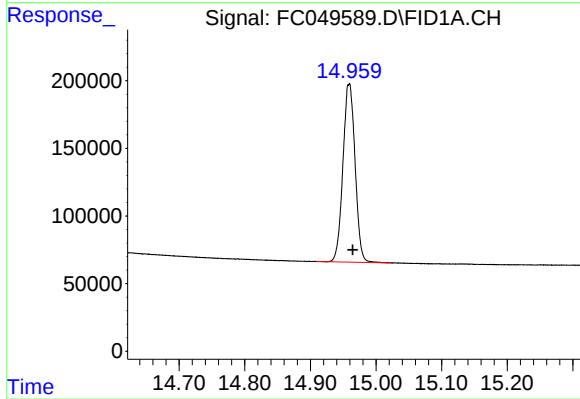
#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min
Delta R.T.: -0.004 min
Response: 1437378
Conc: 16.14 ug/ml



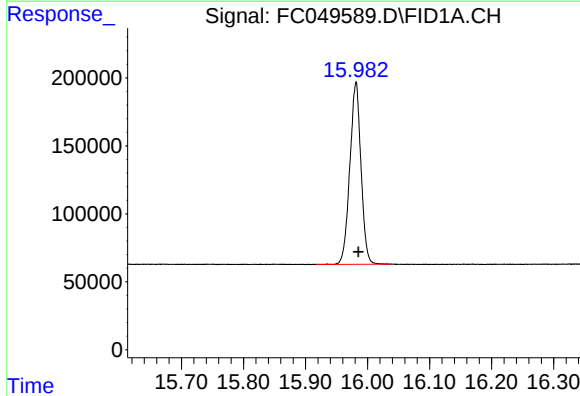
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: -0.006 min
Response: 2819950
Conc: 26.65 ug/ml



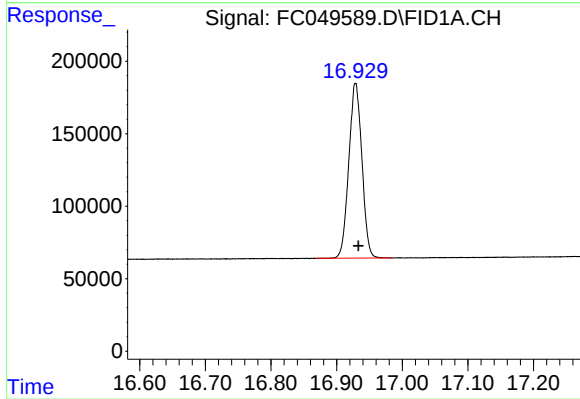
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: -0.005 min
Response: 1693898
Conc: 16.19 ug/ml



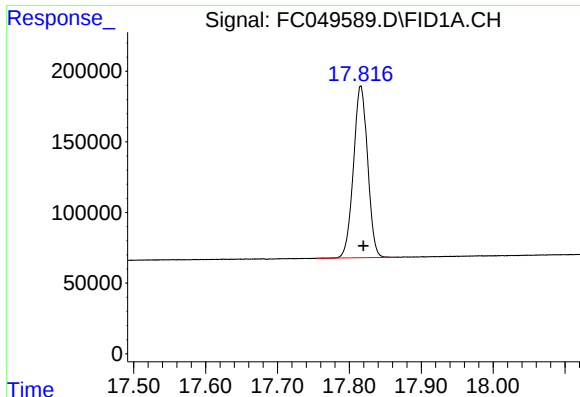
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: -0.004 min
Response: 1670992
Conc: 16.35 ug/ml



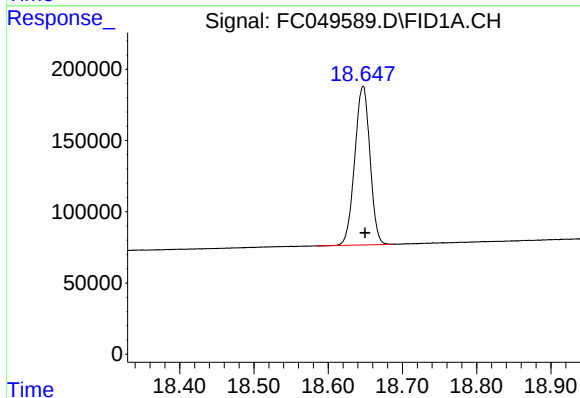
#16 n-Octacosane (C28)

R.T.: 16.929 min
Delta R.T.: -0.005 min
Response: 1674517
Conc: 16.66 ug/ml



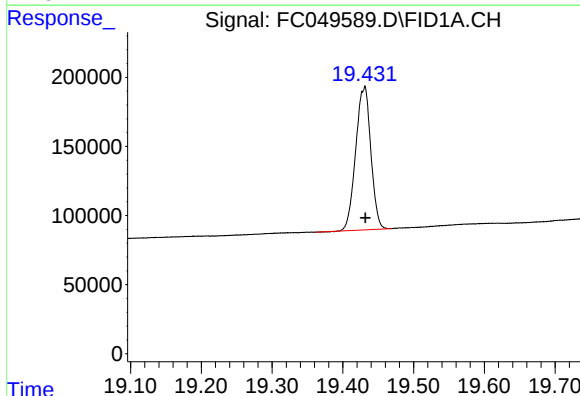
#17 n-Tricontane (C30)

R.T.: 17.816 min
Delta R.T.: -0.004 min
Response: 1661816
Conc: 17.07 ug/ml



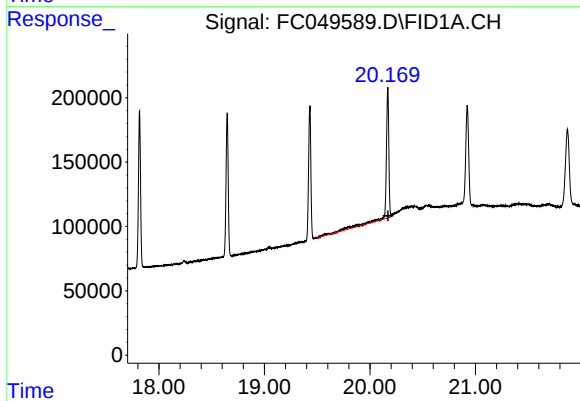
#18 n-Dotriacontane (C32)

R.T.: 18.647 min
Delta R.T.: -0.003 min
Response: 1584482
Conc: 17.53 ug/ml



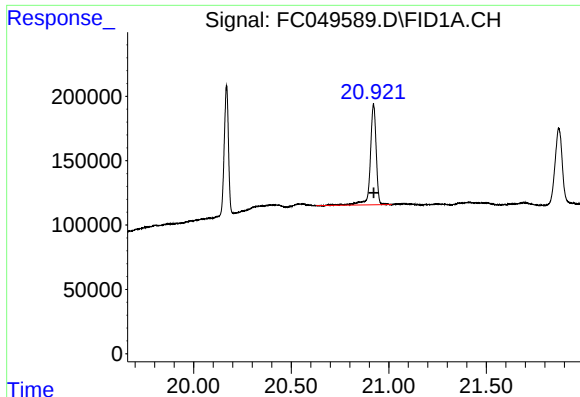
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min
Delta R.T.: -0.002 min
Response: 1536065
Conc: 17.94 ug/ml



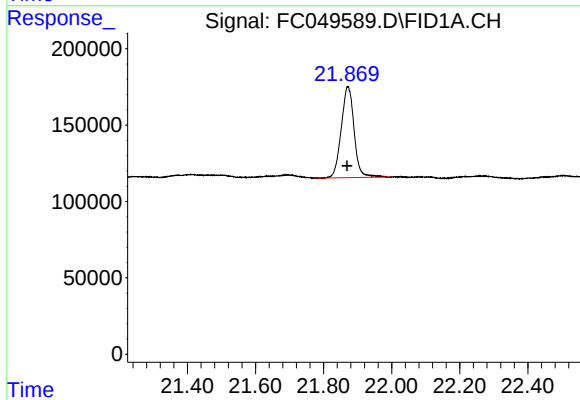
#20 n-Hexatriacontane (C36)

R.T.: 20.169 min
Delta R.T.: -0.002 min
Response: 1819275
Conc: 22.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.922 min
Delta R.T.: -0.001 min
Response: 1662392
Conc: 21.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.871 min
Delta R.T.: 0.003 min
Response: 1566900
Conc: 20.14 ug/ml